

IN THE CLAIMS

Kindly amend claims 1-4 as shown in the following claim listing:

1. (currently amended) A disk drive comprising a tray (TR) for receiving a disk, the tray (TR) being supported for movement between a first end stop position within a casing (CS) of the disk drive and a second end stop position projecting from the casing (CS), an electric motor for moving the tray (TR) between the first and second end stop positions, and regulation means for regulating an electric current through the motor for regulating the rotation of the motor, characterized in that the regulation means comprises detection means for detecting a back-electromotive signal produced during rotation of the motor for deriving position information of the tray (TR) with respect to the first and second end stop positions, and means for stopping said tray at one of said first and second end stop positions as a function of said position information.

2. (currently amended) A disk drive according to claim 1, characterized in that the regulation means regulates the electric current through the motor such that, during movement of the tray (TR) in a direction from one of the first and second end stop positions to the other one of the first and second end stop positions, the rotation rate of the motor is gradually reduced when the position of the tray (TR) has reached the vicinity of the respective one of the first and second end stop positions.

3. (currently amended) A method of moving a tray of a disk drive between a first end stop position and a second end stop

position under the control of an electric motor, characterized in that detection means detects a back-electromotive signal produced during rotation of the motor for deriving position information of the tray with respect to the first and second end stop positions, and stopping said tray at one of said end stop positions as a function of said position information.

4. (currently amended)A method according to claim 3, characterized in that, when the tray moves in a direction from one of the first and second end stop positions to the other one of the first and second end stop positions, and when the position of the tray comes close to one of the first and second end stop positions, the rotation rate of the motor is gradually reduced.